



BOARD OF COMMISSIONERS

1 S. Main St., 9th Floor
Mount Clemens, Michigan 48043
586-469-5125 FAX 586-469-5993
macombcountymi.gov/boardofcommissioners

HEALTH SERVICES COMMITTEE

THURSDAY, FEBRUARY 7, 2008

AGENDA

1. Call to Order
2. Pledge of Allegiance
3. Adoption of Agenda
4. Approval of Minutes dated October 11 and November 8, 2007 (previously distributed)
5. Public Participation
6. Report from Water Quality Board (mailed)
7. S.W.I.M. Team Report for November and December, 2007 (mailed)
8. Prosecutor's Environmental Unit Report for December, 2007 and January, 2008 (mailed)
9. Approve Clinton Township's Request to Extend the Environmental Problems: Lake/River Fund Authorization through October 31, 2008 (mailed)
10. Approve Payment to City of New Baltimore from Environmental Problems: Lake/River Fund for Upgrade to Waste Water Treatment Plant (mailed)
11. Approve Health Department's 2008-09 Flu Program Plan (mailed)
12. Report from Health Department on 2007 Children's Health Fair (mailed)
13. New Business
14. Public Participation
15. Adjournment

MEMBERS: DeSaele-Chair, Camphous-Peterson-Vice-Chair, Rocca, J. Flynn, Roberts, Torrice, Switalski, Drolet, Rengert, Mijac, Brdak, Gielegghem, Doherty and Crouchman (ex-officio)

MACOMB COUNTY BOARD OF COMMISSIONERS

William A. Crouchman
District 23
Chairman

Dana Camphous-Peterson
District 18
Vice-Chair

Leonard Haggerty
District 21
Sergeant-At-Arms

Andrey Duzyj - District 1
Marvin E. Sauger - District 2
Phillip A. DiMaria - District 3
Jon M. Switalski - District 4
Susan L. Doherty - District 5

Joan Flynn - District 6
Sue Rocca - District 7
David Flynn - District 8
Robert Mijac - District 9
Philis DeSaele - District 10

Ed Szczepanski - District 11
Peter J. Lund - District 12
Don Brown - District 13
Brian Brdak - District 14
Keith Rengert - District 15

Carey Torrice - District 16
Ed Bruley - District 17
Paul Gielegghem - District 19
Kathy Tocco - District 20

Betty Slinde - District 22
Sarah Roberts - District 24
Kathy D. Vosburg - District 25
Leon Drolet - District 26

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file a report of the Macomb County Water Quality Board

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

The Macomb County Water Quality Board met on December 11, 2007. Ms. Marian McLaughlin, Clerk of the Village of Romeo and Mr. Keith McCormack of Hubbell, Roth & Clark spoke about the upgrade and expansion of the wastewater treatment plant. The Board complimented them on the improvements and on the resolution of illicit discharge problems west of the plant. The Board then discussed the proposed nuclear waste disposal facility on Lake Huron in Canada and asked that a resolution on this matter be prepared for consideration at the next meeting. The Board briefly discussed the problem of phosphorous in water bodies and will place further consideration of this matter on the February agenda.

The Board also met on January 8, 2008. After discussion relative to the proposed nuclear waste depository, the Board delayed action and asked that direction be sought from Federal officials. The Board heard the year end report of the Health Department regarding water related activities and information.

COMMITTEE / MEETING DATE

Health Services – February 7, 2008

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file the Surface Water Improvement and Monitoring (SWIM) Team reports for November 2007 and December 2007.

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

The November 2007 and December 2007 Surface Water Improvement and Monitoring (SWIM) Team reports summarize surface water monitoring, bathing beach monitoring, investigatory and educational activities of the SWIM Team for the months of November 2007 and December 2007.

COMMITTEE/MEETING DATE

Health Services – February 7, 2008

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
MONTHLY REPORT NOVEMBER 2007**

Mission: Monitoring, educational, investigatory and enforcement activities toward achieving the goal of all Macomb County surface waters being in compliance with full body contact standards.

Surface Water Monitoring: 65 sampling locations were monitored this month for *E. coli* indicator bacteria. The monitoring for November 2007 indicates that 88 % of the sampling locations show improvement over the historical November data. See the attached data summary.

Bathing Beach Monitoring: Monitoring for the 2007 bathing season has concluded. Monitoring for 2008 will begin in April.

Beach Closures for the 2007 Bathing Season:

	<u>Yearly Total</u>
New Baltimore Park	2
Metro Beach Metro Park	0
SCS Memorial Park	3
SCS Blossom Heath Park	44
Stony Creek Baypoint	0
Stony Creek Eastwood	1

SWIM Team Investigations:

	<u>November 2007</u>	<u>Year-To-Date</u>
Investigations Initiated	9	200
Cases Referred to Prosecutors Office	0	4
Investigations Resolved	6	170
Open Cases - 2007	30	
Open Cases from 2006	15	
Open Cases from 2005	6	
Open Cases from 2004	7	
Open Cases from 2003	5	
Open Cases from 2002	0	
Open Cases from 2001	1	

*Investigations are initiated by citizen complaint, municipal referral or as an outcome of water quality monitoring results.

Education and Public Information:

On November 20, 2007 a presentation was given at the Macomb County Water Quality Board. The topic of presentation was the findings and final report for the Lake St. Clair Regional Monitoring Project. Nine (9) Water Quality and Household Hazardous Waste Presentations were given to 275 students at the following locations:

3 th - 8 th Grade	St. Augustine	Richmond
6 th Grade	Dresden Elementary	Sterling Heights
4 th - 6 th Grade	Romeo Montessori	Washington Township
4 th Grade	Washington Elementary	Washington Township

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
MONTHLY REPORT FOR NOVEMBER 2007**

SWIM TEAM INVESTIGATIONS

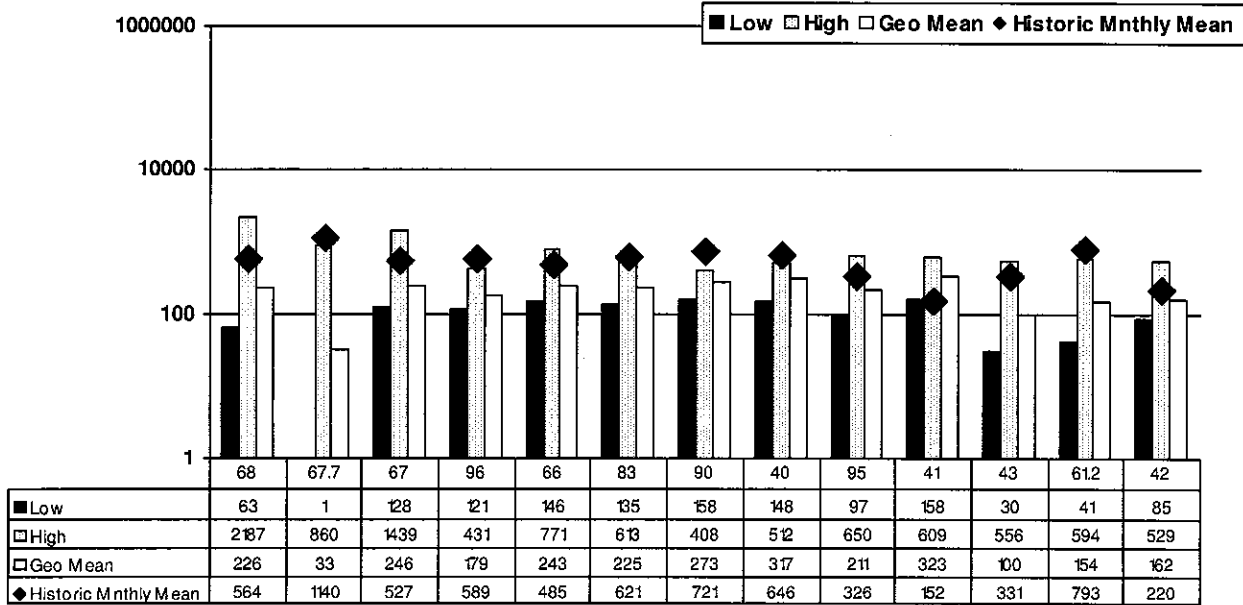
<u>Municipality</u>	<u>Nov-07 Investigations Initiated</u>	<u>Nov-07 Year To Date</u>
Armada Township	0	4
Armada Village	0	0
Bruce	0	2
Center Line	0	0
Chesterfield	0	1
Clinton	5	71
Eastpointe	0	1
Fraser	0	2
Harrison	1	8
Lenox	0	5
Macomb	0	4
Memphis	0	1
Mt. Clemens	0	0
New Baltimore	0	1
New Haven	0	0
Ray	0	3
Richmond Township	0	11
Richmond City	0	0
Romeo	0	0
Roseville	0	1
St. Clair Shores	0	0
Shelby	2	17
Sterling Heights	1	40
Utica	0	22
Warren	0	4
Washington	0	2
Total #	9	200

Macomb County Health Department
Environmental Health Services Division
Retention Basin/Combined Sewer/Sanitary Sewer Overflows
For the dates 11-1-07 thru 11-30-07

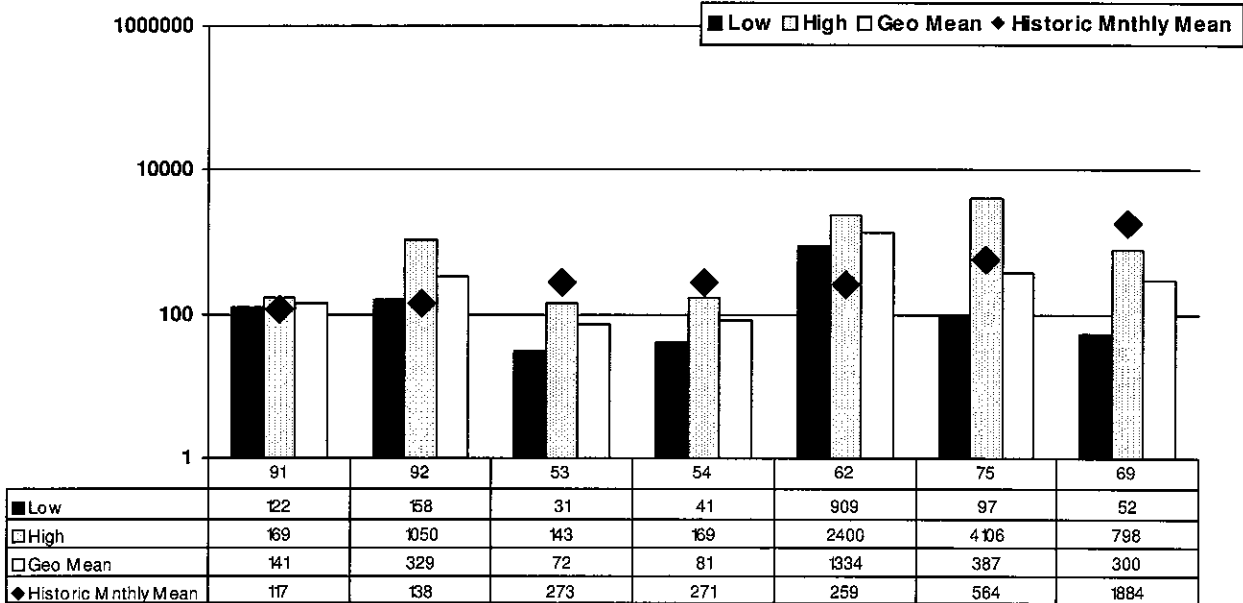
Start	Start Time	End	End Time	Hours	Gallons	Receiving Water	Meets NPDES	Precipi- tation	Type
MILK RIVER RTB									
11/21/2007	21:08	11/21/2007	22:38	1.5	13,439,670	LAKE ST. CLAIR	Y	1.93	CSO-T
11/22/2007	3:57	11/22/2007	17:35	2.05	180,945,000	LAKE ST. CLAIR	Y	0.14	CSO-T
SubTotals for MILK RIVER RTB				3.55	194,384,670			2.07	
Total all locations				3.55	194,384,670				

**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
11/1/2007 -11/30/2007**

Clinton River Main Branch Watershed-EAST

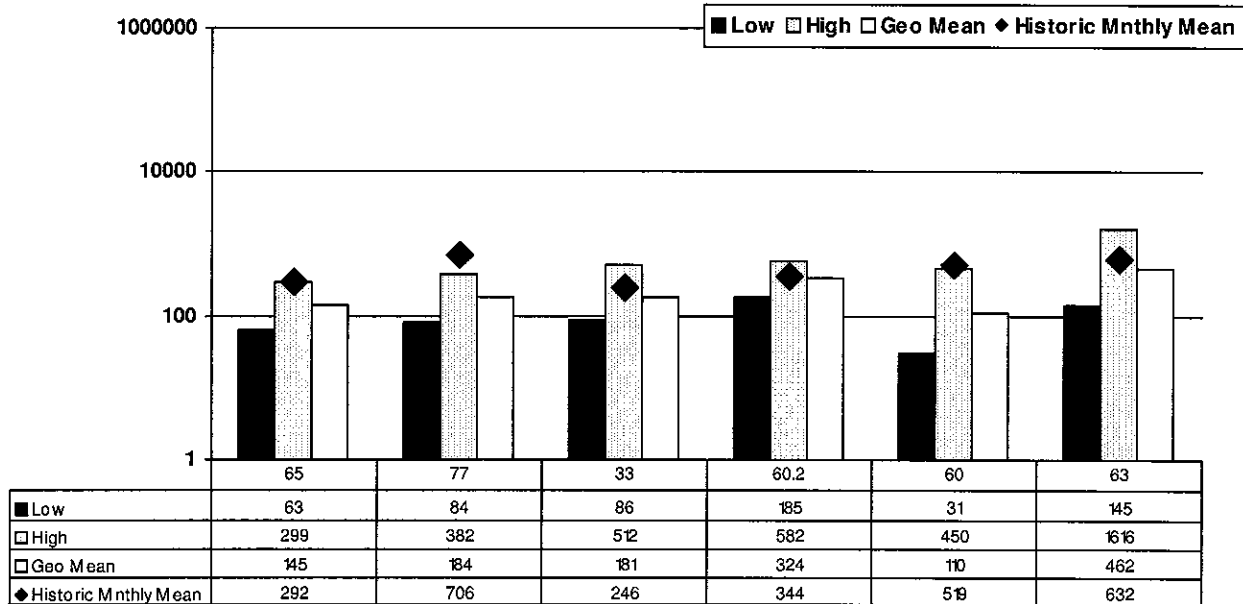


Clinton River Main Branch Watershed-WEST

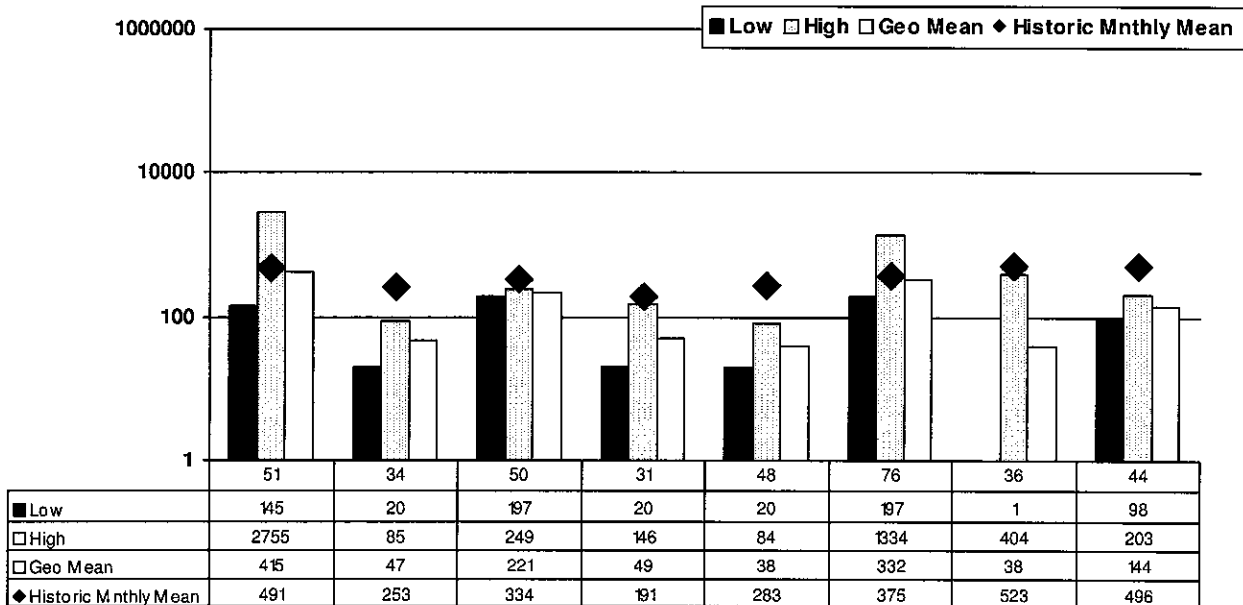


**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
11/1/2007 -11/30/2007**

Clinton River Middle Branch Watershed

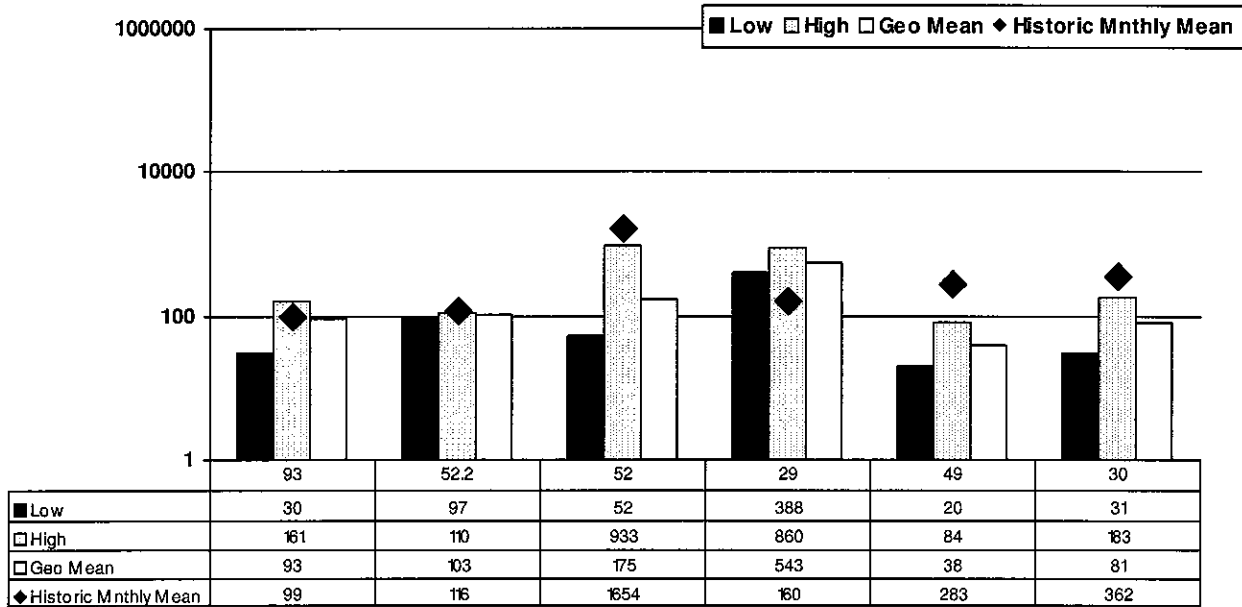


Clinton River North Branch Watershed-EAST

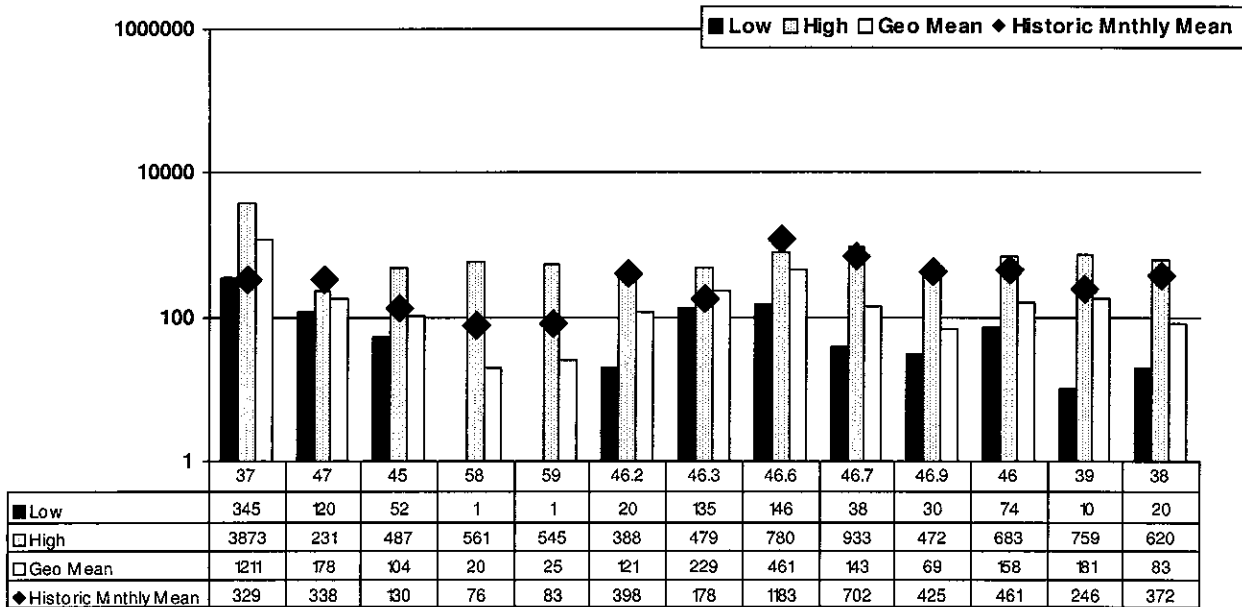


**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
11/1/2007 -11/30/2007**

Clinton River North Branch Watershed-WEST

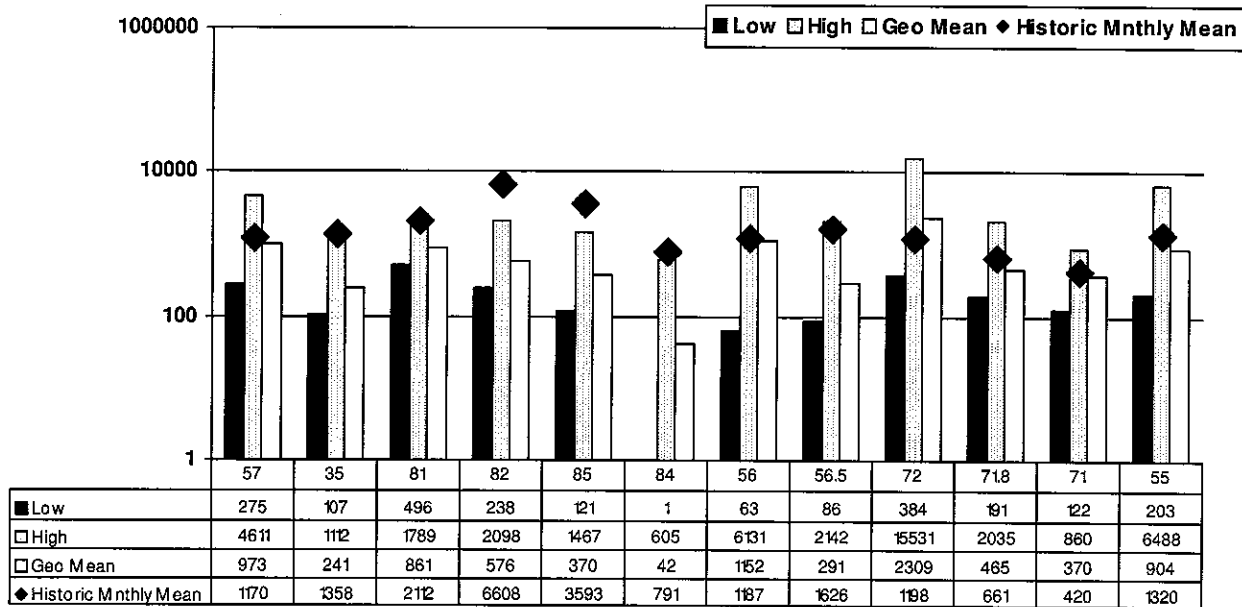


Other: Salt River, Milk River, Crapauo Creek



**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
11/1/2007 -11/30/2007**

Red Run Drain/Bear Creek Watershed



5 HIGHEST *E. COLI* SURFACE WATER SAMPLING SITES
(November, 2007)

Sample #		Location	<i>E. coli</i> /100 mL (Geo Mean)
1	72	Sterling Relief Drain - behind Freedom Hill Park	2,309
2	62	Clinton River at Kleino Rd.	1,334
3	37	Salt River at 29 Mile Rd.	1,211
4	56	Red Run at Maple Lanes Golf Course	1,152
5	57	Red Run at Dequindre	973

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
SURFACE WATER SAMPLING SITES**

Sample #

Location

Clinton River Main Branch Watershed - EAST

68	Moravian Road Bridge - Clinton River
67.71	Sweeney Drain - 15 Mile Rd. East of Klein
67	Harrington Road - Harrington Drain
96	Shadyside Park - Clinton River
66	Amvet Drive/Crocker - Clinton River
83	Mt. Clemens YMCA - Clinton River
90	4081 Riverview - Clinton River
40	North River Road/I-94 - Clinton River
95	South River Road - Clinton River
41	South River Road - Clinton River & Lake St. Clair
43	Wellington Crescent/Harper - Clinton River & Spillway
61.2	Harrison, Clinton Relief Drain
42	Jefferson Road - Spillway and Lake St. Clair

Clinton River Main Branch Watershed - WEST

91	Inwood & Stoney Creek
92	Stony Creek West
53	Dequindre Road & Clinton River
54	Auburn Road & Clinton River
62	Kleino Road/Clinton River
75	Garfield - Clinton River
69	Clinton River Road - Canal Drain

Clinton River Middle Branch Watershed

65	Metz Street/Middle Branch Clinton River
77	Romeo Plank - Healy Brook Drain
33	25 Mile/Romeo Plank - Middle Branch Clinton River
60.2	22 Mile Road - Middle Branch Clinton River
60	21 Mile Road - Middle Branch Clinton River
63	Heydenreich/Middle Branch Clinton River

Clinton River North Branch Watershed - EAST

51	North Avenue & East Branch Coon Creek
34	32 Mile/Omo Rd. - Highbank Drain
50	30 Mile Road/Omo Road - East Branch Coon Creek
31	26 Mile/Indian Trail - East Branch Coon Creek
48	North Ave - Deer Creek
76	Card Rd. - McBride Drain
36	21 Mile/North Ave. - North Branch Clinton River
44	Dunham Road - North Branch Clinton River

Sample #**Location****Clinton River North Branch Watershed - WEST**

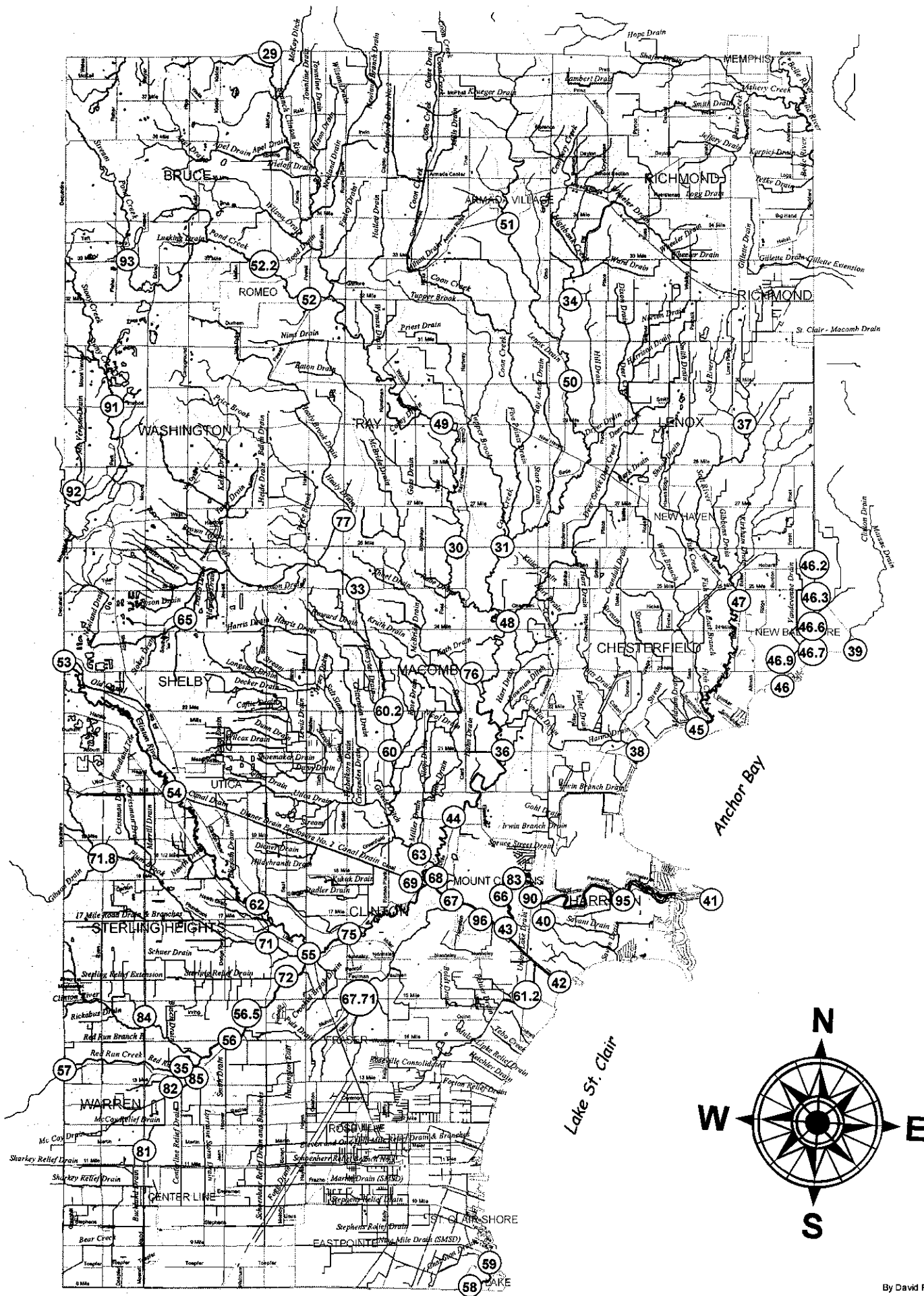
93	33 Mile Road & East Pond Creek
52.2	East Pond Creek at M-53 Bypass
52	Powell Street & East Pond Creek
29	Boardman/Scotch Settlement - North Branch Clinton River
49	29 Mile/Indian Trail - North Branch Clinton River
30	26 Mile/Ray Center Road - North Branch Clinton River

Other: Salt River, Milk River, Crapeau Creek

37	29 Mile/Gratiot - Salt River
47	Washington Road & Salt River
45	Salt River & Lake St. Clair
58	Alger Road & Milk River
59	Clairwood on Milk River
46.2	Hobarth at County Line Road
46.3	Crapeau Creek at County Line Road
46.6	Fox Point - Vanderbenne Drain
46.7	Crapeau Creek at Ashley
46.9	Crapeau Creek at Green Street
46	Main Street & Crapeau Creek
39	Marsac Drain at Ruedisale Park
38	Jefferson North of 21 Mile - River Voss

Red Run Drain/Bear Creek Watershed

57	Dequindre & Red Run Drain
35	Van Dyke/13 Mile - Red Run Drain
81	Mound Road - Bear Creek
82	Van Dyke Road - Bear Creek
85	Lorraine Drain - North of 13 Mile Road
84	Beaver Creek at Mound Road
56	14 Mile Road/Maple Golf Club - Red Run Drain
56.5	Schoenherr Relief Drain at Red Run
72	Sterling Relief Drain - behind Freedom Hill
71.8	Ryan - Plumbrook Drain
71	Schoenherr - Plumbrook Drain
55	Utica Road & Red Run Drain



**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
MONTHLY REPORT DECEMBER 2007**

Mission: Monitoring, educational, investigatory and enforcement activities toward achieving the goal of all Macomb County surface waters being in compliance with full body contact standards.

Surface Water Monitoring: 55 sampling locations were monitored this month for *E. coli* indicator bacteria. The monitoring for December 2007 indicates that 31 % of the sampling locations show improvement over the historical December data. See the attached data summary.

Bathing Beach Monitoring: Monitoring for the 2007 bathing season has concluded. Monitoring for 2008 will begin in April.

Beach Closures for the 2007 Bathing Season:

	<u>Yearly Total</u>
New Baltimore Park	2
Metro Beach Metro Park	0
SCS Memorial Park	3
SCS Blossom Heath Park	44
Stony Creek Baypoint	0
Stony Creek Eastwood	1

SWIM Team Investigations:

	<u>December 2007</u>	<u>Year-To-Date</u>
Investigations Initiated	10	210
Cases Referred to Prosecutors Office	0	4
Investigations Resolved	8	178
Open Cases - 2007	32	
Open Cases from 2006	9	
Open Cases from 2005	6	
Open Cases from 2004	7	
Open Cases from 2003	5	
Open Cases from 2002	0	
Open Cases from 2001	1	

*Investigations are initiated by citizen complaint, municipal referral or as an outcome of water quality monitoring results.

Education and Public Information:

Eight (8) Water Quality and Household Hazardous Waste Presentations were given to 259 students at the following locations:

8 th Grade	Jefferson Middle School	St. Clair Shores
3 rd - 5 th Grade	Calson Elementary	Warren
9 th - 12 th Grade	Tower High School	Warren
5 th Grade	Westview Elementary	Warren

Facility Dye Testing Grants

A total of 1159 residential, industrial, institutional and commercial buildings were dye tested as part of the Dye Testing Grants during 2007. A total of 39 illicit connections were found through these investigations. Approximately 3.4% of the buildings tested have had some type of illicit connection.

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
MONTHLY REPORT FOR DECEMBER 2007**

SWIM TEAM INVESTIGATIONS

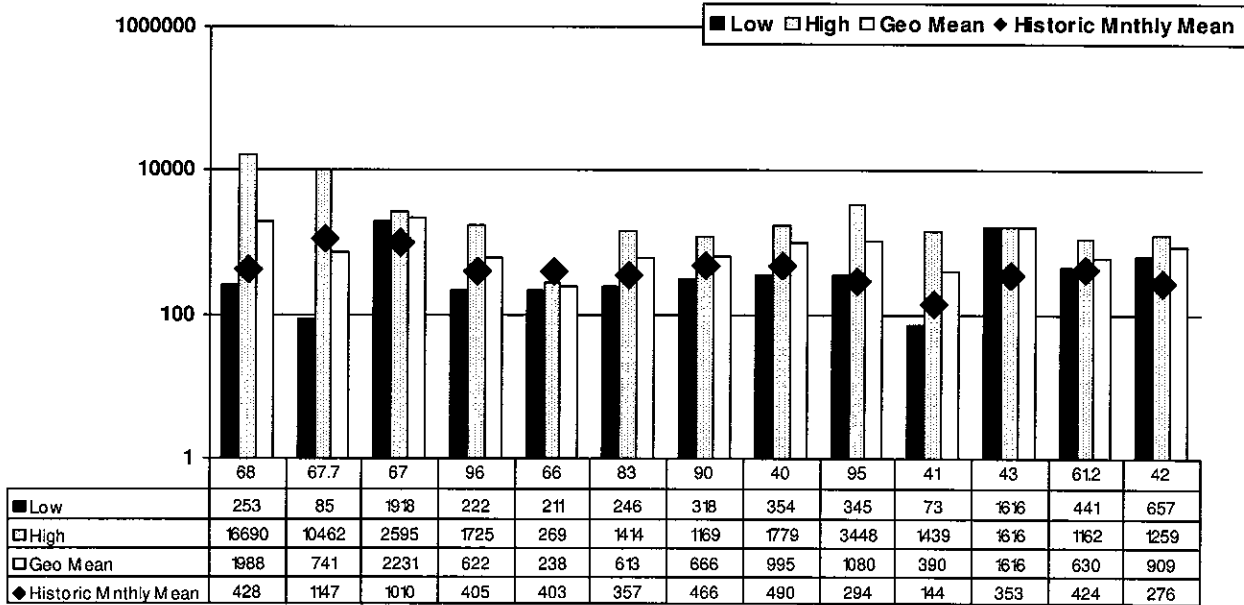
<u>Municipality</u>	<u>Dec-07 Investigations Initiated</u>	<u>Dec-07 Year To Date</u>
Armada Township	0	4
Armada Village	0	0
Bruce	0	2
Center Line	0	0
Chesterfield	0	1
Clinton	5	76
Eastpointe	0	1
Fraser	0	2
Harrison	0	8
Lenox	0	5
Macomb	0	4
Memphis	0	1
Mt. Clemens	0	0
New Baltimore	0	1
New Haven	0	0
Ray	0	3
Richmond Township	0	11
Richmond City	0	0
Romeo	0	0
Roseville	0	1
St. Clair Shores	0	0
Shelby	2	19
Sterling Heights	3	43
Utica	0	22
Warren	0	4
Washington	0	2
<u>Total #</u>	10	210

Macomb County Health Department
Environmental Health Services Division
Retention Basin/Combined Sewer/Sanitary Sewer Overflows
For the dates 12-1-07 thru 12-31-07

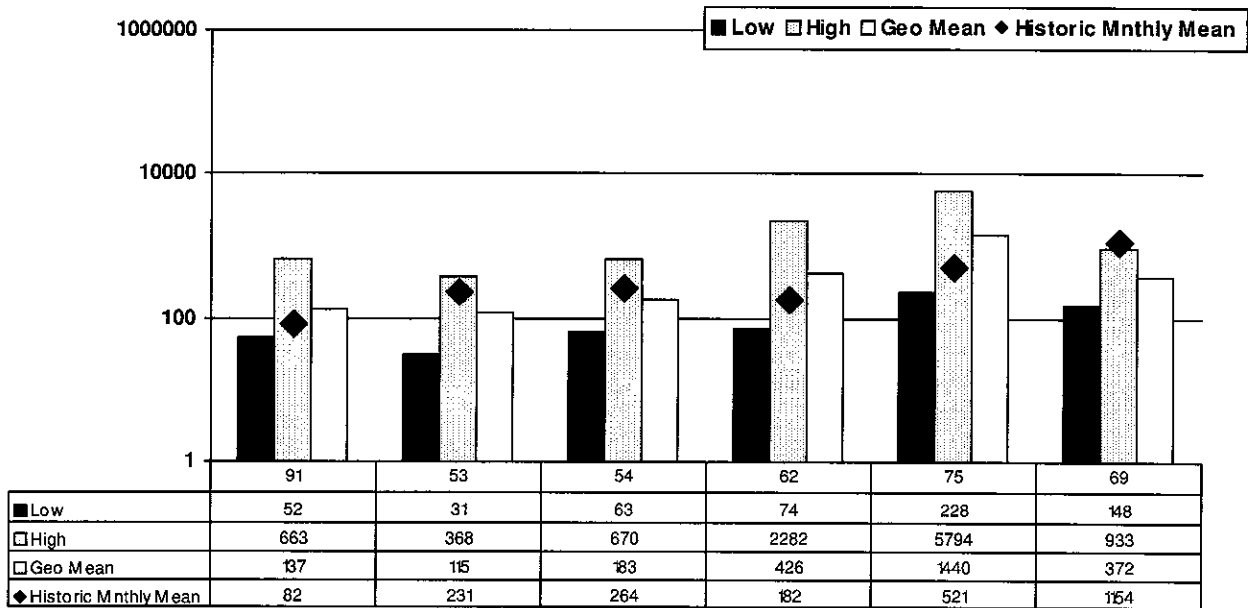
Start	Start Time	End	End Time	Hours	Gallons	Receiving Water	Meets NPDES	Precipitation	Type
CHAPATON RTB									
12/2/2007	19:30	12/3/2007	2:45	7.25	42,900,000	LAKE ST. CLAIR	Y	1.47	CSO-T
SubTotals for CHAPATON RTB				7.25	42,900,000			1.47	
FRASER									
12/2/2007	17:45	12/2/2007	18:45	1	106,029	SWEENEY DRAIN	N	1.08	SSO
SubTotals for FRASER				1	106,029			1.08	
MARTIN RTB									
12/2/2007	19:20	12/3/2007	2:45	7.4	15,480,000	LAKE ST. CLAIR	Y	1.4	CSO-T
SubTotals for MARTIN RTB				7.4	15,480,000			1.4	
MILK RIVER RTB									
12/2/2007	18:16	12/2/2007	22:35	4.33	20,495,835	LAKE ST. CLAIR	Y	1.38	CSO-T
12/3/2007	5:49	12/3/2007	6:52	1.03	7,657,000	LAKE ST. CLAIR	Y	0	CSO-T
12/4/2007	6:37	12/4/2007	7:20	0.72	7,912,000	LAKE ST. CLAIR	Y	0	CSO-T
SubTotals for MILK RIVER RTB				6.08	36,064,835			1.38	
SOCSDS RTB									
12/2/2007	19:07	12/3/2007	0:47	5.67	41,300,000	RED RUN DRAIN	Y	1.3	CSO-T
SubTotals for SOCSDS RTB				5.67	41,300,000			1.3	
Total all locations				27.4	135,850,864				

**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
12/1/2007 -12/31/2007**

Clinton River Main Branch Watershed-EAST

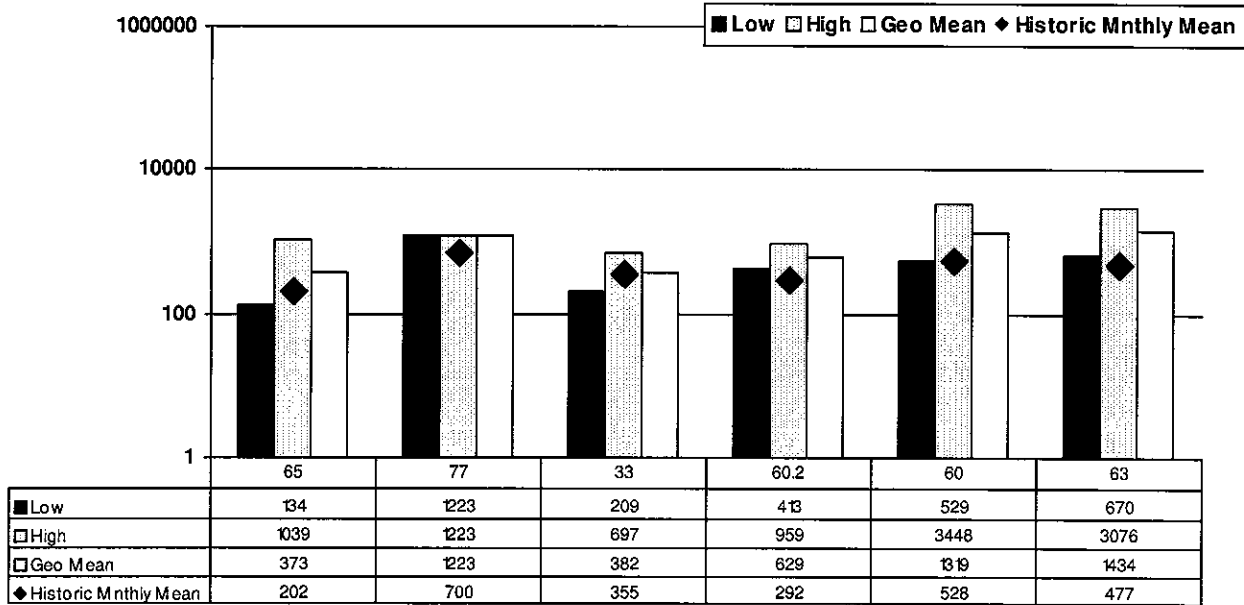


Clinton River Main Branch Watershed-WEST

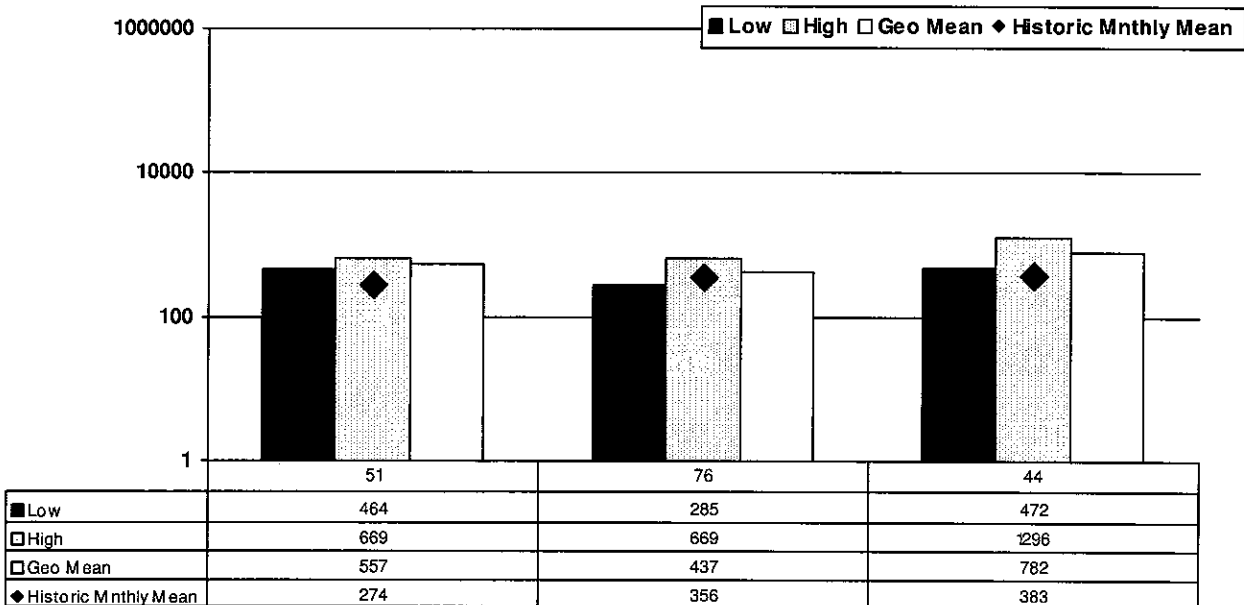


**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
12/1/2007 -12/31/2007**

Clinton River Middle Branch Watershed

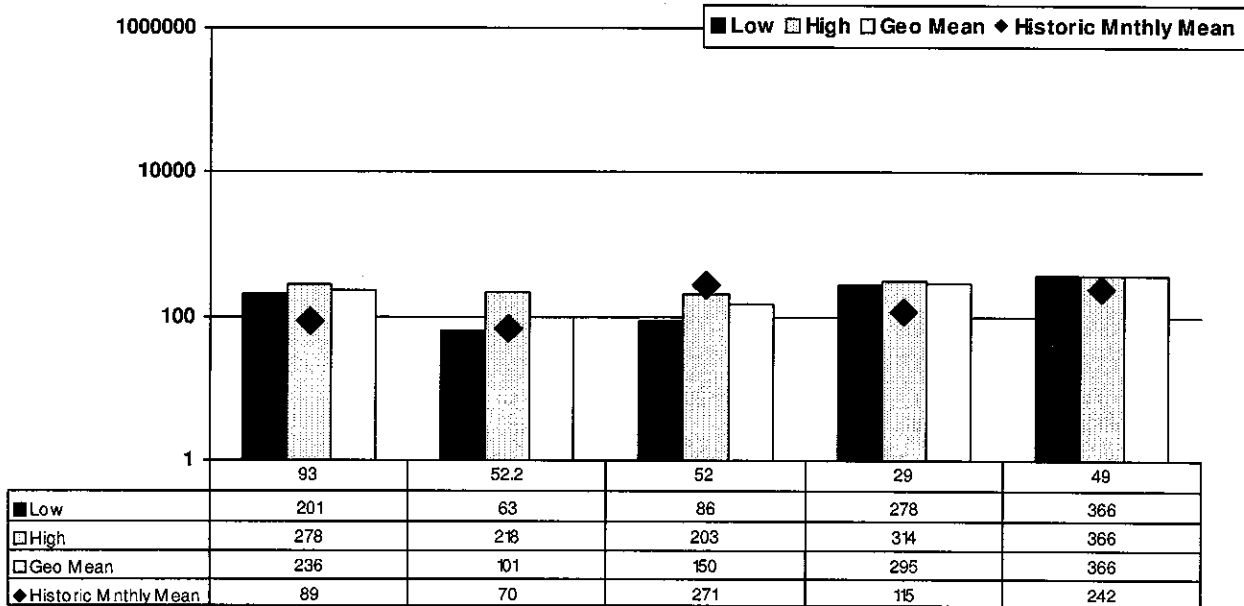


Clinton River North Branch Watershed-EAST

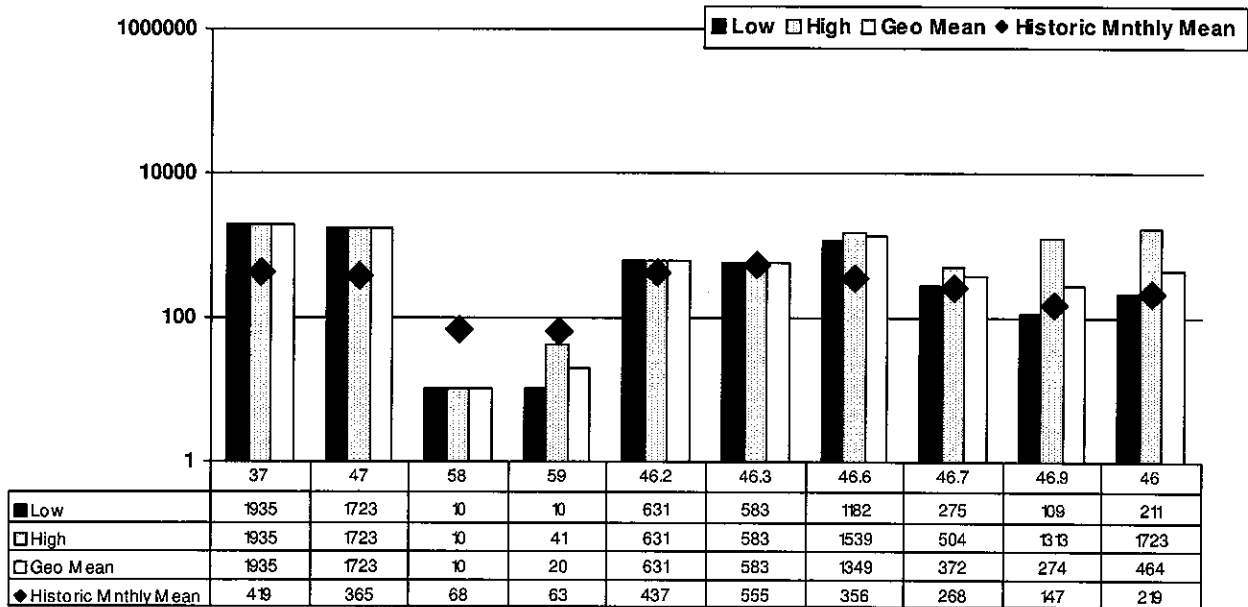


**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
12/1/2007 -12/31/2007**

Clinton River North Branch Watershed-WEST

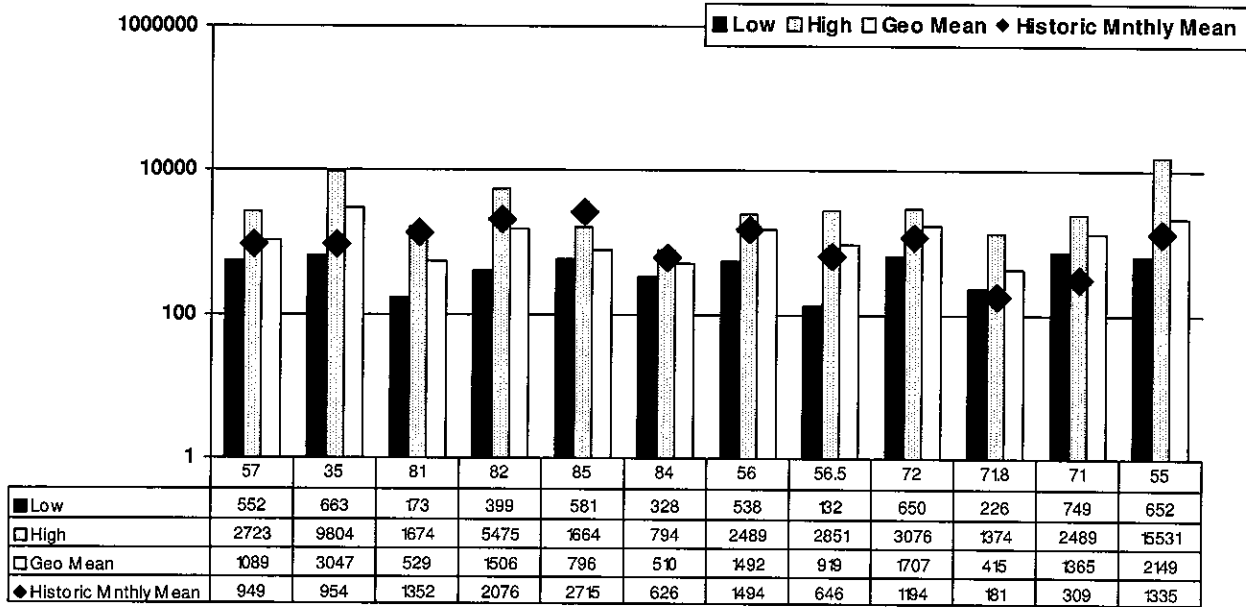


Other: Salt River, Milk River, Crapauo Creek



**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
12/1/2007 -12/31/2007**

Red Run Drain/Bear Creek Watershed



5 HIGHEST E. COLI SURFACE WATER SAMPLING SITES
(December, 2007)

Sample #		Location	E. coli/100 mL (Geo Mean)
1	35	Red Run at Van Dyke	3,047
2	67	Harrington Drain at Harrington Rd.	2,231
3	55	Run Run at Utica Rd.	2,149
4	68	Clinton River at Moravian	1,988
5	37	Salt River at 29 Mile Rd.	1,937

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
SURFACE WATER SAMPLING SITES**

Sample #

Location

Clinton River Main Branch Watershed - EAST

68	Moravian Road Bridge - Clinton River
67.71	Sweeney Drain - 15 Mile Rd. East of Klein
67	Harrington Road - Harrington Drain
96	Shadyside Park - Clinton River
66	Amvet Drive/Crocker - Clinton River
83	Mt. Clemens YMCA - Clinton River
90	4081 Riverview - Clinton River
40	North River Road/I-94 - Clinton River
95	South River Road - Clinton River
41	South River Road - Clinton River & Lake St. Clair
43	Wellington Crescent/Harper - Clinton River & Spillway
61.2	Harrison, Clinton Relief Drain
42	Jefferson Road - Spillway and Lake St. Clair

Clinton River Main Branch Watershed - WEST

91	Inwood & Stoney Creek
92	Stony Creek West
53	Dequindre Road & Clinton River
54	Auburn Road & Clinton River
62	Kleino Road/Clinton River
75	Garfield - Clinton River
69	Clinton River Road - Canal Drain

Clinton River Middle Branch Watershed

65	Metz Street/Middle Branch Clinton River
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33	25 Mile/Romeo Plank - Middle Branch Clinton River
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60	21 Mile Road - Middle Branch Clinton River
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50	30 Mile Road/Omo Road - East Branch Coon Creek
31	26 Mile/Indian Trail - East Branch Coon Creek
48	North Ave - Deer Creek
76	Card Rd. - McBride Drain
36	21 Mile/North Ave. - North Branch Clinton River
44	Dunham Road - North Branch Clinton River

Sample #**Location****Clinton River North Branch Watershed - WEST**

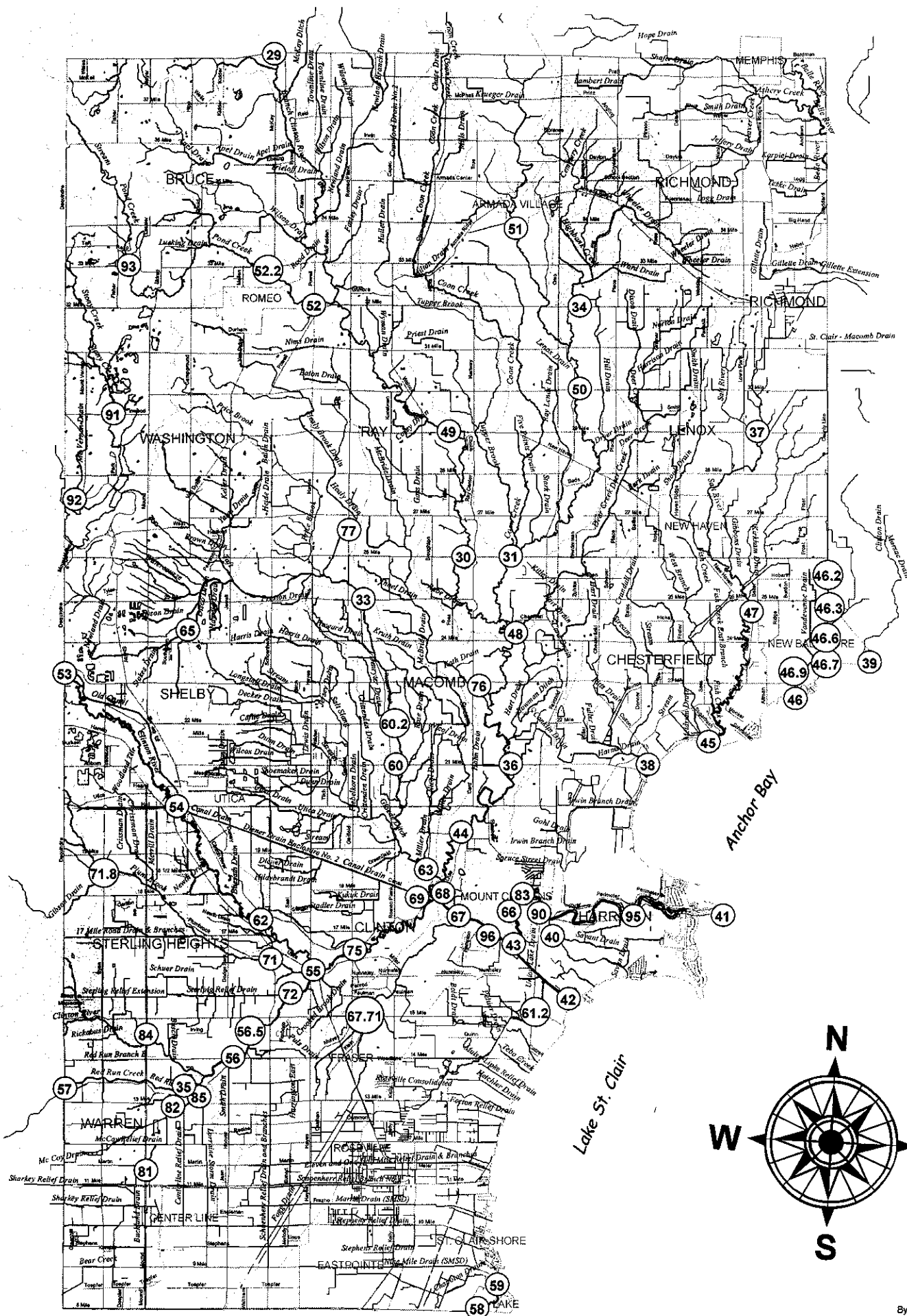
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Other: Salt River, Milk River, Crapeau Creek

37	29 Mile/Gratiot - Salt River
47	Washington Road & Salt River
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59	Clairwood on Milk River
46.2	Hobarth at County Line Road
46.3	Crapeau Creek at County Line Road
46.6	Fox Point - Vanderbenne Drain
46.7	Crapeau Creek at Ashley
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39	Marsac Drain at Ruedisale Park
38	Jefferson North of 21 Mile - River Voss

Red Run Drain/Bear Creek Watershed

57	Dequindre & Red Run Drain
35	Van Dyke/13 Mile - Red Run Drain
81	Mound Road - Bear Creek
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56.5	Schoenherr Relief Drain at Red Run
72	Sterling Relief Drain - behind Freedom Hill
71.8	Ryan - Plumbrook Drain
71	Schoenherr - Plumbrook Drain
55	Utica Road & Red Run Drain



RECYCLABLE PAPER

RESOLUTION NO. _____

FULL BOARD MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO receive and file the Status Report on the Prosecutor's Environmental Unit for December, 2007 and January, 2008, as submitted by Luanne Laemmerman

INTRODUCED BY: Philis DeSaele, Chair, Health Services Committee

COMMITTEE/MEETING DATE

Health Services 2-7-08

PROSECUTOR'S ENVIRONMENTAL UNIT REPORT

Submitted by Luanne Laemmerman

DECEMBER 2007

CIVIL CASES:

See table attached.

CRIMINAL CASES:

People v Michele Peter Mattera – motion for relief from judgment filed 12/17/07; awaiting hearing date from court.

People v Flansburgh – warrant authorized for illegal discharge into storm sewer.

MEETINGS ATTENDED ON BEHALF OF COUNTY:

12/4-12/6 – attended NETI Training Course in Denver, CO – Environmental Enforcement Seminar for Attorneys

12/11/07 - Water Quality Board

12/18/07 – meeting with MDEQ/LWMD regarding potential enforcement cases.

Monthly Narrative: Continued work with MCHD to determine status of all outstanding SWIM team cases and developed actions for appropriate personnel. Worked with Michigan Association of Chiefs of Police on statewide environmental training seminar for street officers.

Initiated plan with Asst. Attorney General to become designated as Special Asst. A.G. to enforce civil violations in Macomb County through AG's office; approvals for designation in process.

Actively participated in Blue Ribbon Commission Audit Subcommittee meetings and activities.

Future Plan: Continue enforcement of outstanding SWIM team cases. Continue to explore ways to facilitate transfer of cases to Environmental Prosecutor. Pursue enforcement of Mattera and Flansburgh cases. Promote attendance of officers in Macomb County at environmental training seminar.

Macomb County Health Dept/EHS Open Cases

01/09/08

Date Referred to Prosecutor	Civil Division/Street	Violation	Issue/Status
3/28/05	Clinton Twp/ Cass Avenue	Section 3.1 & 3.4 Sewage Code	Sanitary waste plumbed to storm drain discovered 1/03 through dye test. Complaint filed 12/05. Order of Consent Judgment issued 12/19/05. No compliance with Order. Owner agreed to not use building, therefore no sanitary waste discharge. Letter to owner on 10/30/07 to pursue proper connection in order to avoid enforcement of Consent Order. Second letter to owner on 11/26 to contact Clinton Twp Water & Sewer Dept by 12/7 to avoid enforcement. Owner contacted Clinton Twp as directed; monitor compliance.
3/10/04	Chesterfield/ 22 Mile Road	Section 3.1 & 3.4 Sewage Code	Positive dye (sewage to county drain). Complaint filed 3/18/04. No show/Bench warrant - recalled. Case dismissed by court in 2004 for lack of progress. Letter informing owner of responsibility sent 10/31/07. Owner applied for and received permit from MCHD in 12/07, but requires redesign due to house remodel. Letter to owner on 1/9/08 to set up meeting with MCHD regarding schedule of compliance.
12/28/05	Fraser/ 14 Mile Rd	Section 3.1 & 3.4 Sewage Code	Failing septic system discovered during MCHD investigation. No compliance by property owner. Complaint filed 9/1/06. Order to show cause 9/25/06 - no show. Bench warrant 9/06. Numerous adjournments of hearings. Case dismissed by A. Jacklyn 6/13/07 - defendant allegedly complied with sewer connection/started work. MCHD confirmed that connection not made as of 10/24/07. House sold on 12/19/06 - no POS conducted because purchased through foreclosure. No direct discharge to storm sewer or drain. 30-day letter sent to new owner on 12/26/07 seeking voluntary compliance by 1/23/08.
2/15/06	Clinton Twp/ Elmway Rd	Section 3.1 & 3.4 Sewage Code	Illicit connection. Property transferred to new owner who paid sewer tap and frontage fees. Enforcement letters sent to property owner. Connection to sanitary sewer allegedly begun as of 7/2/07 according to A. Jacklyn. MCHD confirmed that a foundation repair permit was pulled in 3/07; home is unoccupied until foundation repaired. Certificate of occupancy to be withheld until home is connected to sanitary sewer. No action until owner applies for Certificate of Occupancy from Building Dept.
12/17/04	Lenox Twp/ Victoria	Section 3.1 & 3.4 Sewage Code	Failing septic field: citation 5/04. No direct threat of discharge to drain from improper septic field. No escalation of enforcement at this time. Request sent by MCPO on 11/19/07 for documentation of applications for financial assistance. Follow up letter sent on 1/9/08 indicating that repairs must be complete by 6/15/08 and to minimize water usage.
12/06	Washington Twp/ Wicklow Hill	Section 3.1 & 3.4 Sewage Code	Illicit connection. Enforcement letter sent 3/9/07. Hazard Abatement Affidavit extended to 6/30/07 - currently expired. [Owner] was informed that I would hold off filing a complaint if he made progress with MCHD and the installation of a new system. Owner had site consultation with MCHD on 11/21/07. Letter to owner on 12/12/07 to schedule installation of new system immediately. Follow up letter sent on 1/9/08 indicating that repairs must be complete by 6/15/08 and to minimize water usage.
7/15/04	Lenox Twp/ 31 Mile Rd	Section 3.1 & 3.4 Sewage Code	Failing septic; citation 7/05; Consent Order 1/06 - repair to be complete by 6/06; no compliance; owner trying to get loan. Message left for owner to call Environmental Prosecutor on 10/31/07. No action by owner to date. Correspondence sent to owner on 1/8/08 to meet with MCHD and MCPO by 1/31/08 to develop schedule of compliance or enforce consent order.

Macomb County Health Dept/EHS Open Cases

01/09/08

Date Referred to Prosecutor	Civil Division/Street	Violation	Issue/Status
1/07	Fraser/ Duncan Rd	Section 3.1 & 3.4 Sewage Code	Illicit connection found in 2004. Citation issued 10/05; Letter sent from MCPO to owner on 3/9/07 – no compliance. Left message for owner on 10/31/07 to contact MCHD by 11/2/07 to avoid legal action. Correspondence sent to owner on 1/7/08 to immediately pursue corrections by 1/14/08.
3/07	Clinton Twp/ Little Rd	Section 3.1 & 3.4 Sewage Code	Malfunctioning septic system found 4/06. Citation sent 6/06. Hazard Abatement Affidavit necessary due to site conditions. Owner has failed to pursue final permitting. Letter sent from MCPO to owner on 3/9/07 – no compliance. Correspondence sent to owner on 1/7/08 to meet with MCHD and MCPO regarding options.
	Chesterfield Twp/ Fairchild	Section 3.1 & 3.4 Sewage Code	MCHD to manage file – house currently unoccupied; bank informed of standing violation.
8/14/07	Lenox	Section 3.1 & 3.4 Sewage Code	Failing septic; wastewater is discharging to the roadside ditch. Owner started excavating the new septic area, poor weather conditions = job stop. The area is now a pond like area, and is almost un-useable. Owner has not responded to letters regarding alternate septic installation locations. Enforcement letter sent 8/23/07. MCHD confirmed that home owned by the bank; no active discharge; MCHD to send notification letter to bank of standing violation.
10/4/07	Sterling Heights/ Olivewood Dr.	MCL 333.2455(1) Park St, Shelby Twp	EMRAP discovered and investigated illegal discharge of waste oil through citizen complaint. Citation sent 10/4/07 including \$750 fine. MCPO assisted EMRAP with negotiations with violator's attorney. Violator to remove and dispose of contaminated soils in exchange for reduction in fine. Soil removed on 11/19/07 and stored on site pending analytical results. Landfill approval received on 12/28/07; violator to complete disposal paperwork and dispose of soil.

Key: bold text indicates latest activity.

PROSECUTOR'S ENVIRONMENTAL UNIT REPORT

Submitted by Luanne Laemmerman

January 2008

CIVIL CASES:

See table attached.

CRIMINAL CASES:

People v Michele Peter Mattera -- motion for relief from judgment filed 12/17/07; hearing date on February 13, 2008.

People v Flansburgh -- warrant authorized for illegal discharge into storm sewer. Preliminary exam scheduled on February 21, 2008.

MEETINGS ATTENDED ON BEHALF OF COUNTY:

1/7/08 -- Blue Ribbon Commission
1/7/08 and 1/25/08 -- Blue Ribbon Commission, Audit Subcommittee
1/8/08 - Water Quality Board
1/14/08 - meeting with MDEQ/LWMD regarding potential enforcement cases.
1/14/08 -- SEMCOG re: Phase II Stormwater Permit.
1/17/08 -- Macomb County Chiefs of Police Luncheon
1/18/08 -- meeting with Harrison Twp Supervisor and MDEQ rep.
1/24/08 -- meeting at MCHD with sewage code violators.
1/25/08 -- MacDonald Elementary School for MCHD surface water presentation.

Monthly Narrative: Continued work with MCHD to determine status of all outstanding SWIM team cases and developed actions for appropriate personnel.

Continued work with MDEQ-OCI/Michigan Association of Chiefs of Police on statewide Environmental Awareness Training for Local Law Enforcement. Working on Environmental Prosecutor presentation for Environmental Awareness training. Announced training to Macomb County Chiefs of Police for participation.

Continue attendance and assistance to Water Quality Board.

Continue coverage at District Court/general criminal docket.

Actively participated in Blue Ribbon Commission Audit Subcommittee meetings and activities.

Attended elementary school educational presentation by MCHD regarding surface water quality.

Future Plan: Continue enforcement of outstanding SWIM team cases. Continue to explore ways to facilitate transfer of cases to Environmental Prosecutor. Pursue enforcement of Mattera and Flansburgh cases. Pursue designation as Special Asst. Attorney General. Promote attendance of officers in Macomb County at environmental training seminar. Attend additional elementary school educational presentation by MCHD regarding surface water quality.

Macomb County Health Dept/EHS Open Cases

01/28/08

Date Referred to Prosecutor	Civil Division/Street	Violation	Issue/Status
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3/10/04	Chesterfield/ 22 Mile Road	Section 3.1 & 3.4 Sewage Code	Positive dye (sewage to county drain). Complaint filed 3/18/04. No show/Bench warrant - recalled. Case dismissed by court in 2004 for lack of progress. Letter informing owner of responsibility sent 10/31/07. Owner applied for and received permit from MCHD in 12/07, but requires redesign due to house remodel. Letter to owner on 1/9/08 to set up meeting with MCHD regarding schedule of compliance. Agreement made on 1/23/08 with Owner to complete repairs by 6/15/08 and to minimize water usage; contractor to contact MCHD with construction updates.
12/28/05	Fraser/ 14 Mile Rd	Section 3.1 & 3.4 Sewage Code	Failing septic system discovered during MCHD investigation. No compliance by property owner. Complaint filed 9/1/06. Order to show cause 9/25/06 - no show. Bench warrant 9/06. Numerous adjournments of hearings. Case dismissed by A. Jacklyn 6/13/07 - defendant allegedly complied with sewer connection/started work. MCHD confirmed that connection not made as of 10/24/07. House sold on 12/19/06 - no POS conducted because purchased through foreclosure. No direct discharge to storm sewer or drain. 30-day letter sent to new owner on 12/26/07 seeking voluntary compliance by 1/23/08.
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Macomb County Health Dept/EHS Open Cases

01/28/08

Date Referred to Prosecutor	Civil Division/Street	Violation	Issue/Status
7/15/04	Lenox Twp/ 31 Mile Rd	Section 3.1 & 3.4 Sewage Code	Failing septic; citation 7/05; Consent Order 1/06 – repair to be complete by 6/06; no compliance; owner trying to get loan. Message left for owner to call Environmental Prosecutor on 10/31/07. No action by owner to date. Correspondence sent to owner on 1/8/08 to meet with MCHD and MCPO by 1/31/08 to develop schedule of compliance or enforce consent order. Agreement made on 1/24/08 with Owner to complete repairs by 6/15/08 and to minimize water usage.
1/07	Fraser/ Duncan Rd	Section 3.1 & 3.4 Sewage Code	Illicit connection found in 2004. Citation issued 10/05; Letter sent from MCPO to owner on 3/9/07 – no compliance. Left message for owner on 10/31/07 to contact MCHD by 11/2/07 to avoid legal action. Correspondence sent to owner on 1/7/08 to immediately pursue corrections by 1/14/08. No compliance; correspondence dated 1/28/08 directing owner to correct by 2/29/08.
3/07	Clinton Twp/ Little Rd	Section 3.1 & 3.4 Sewage Code	Malfunctioning septic system found 4/06. Citation sent 6/06. Hazard Abatement Affidavit necessary due to site conditions. Owner has failed to pursue final permitting. Letter sent from MCPO to owner on 3/9/07 – no compliance. Correspondence sent to owner on 1/7/08 to meet with MCHD and MCPO regarding options. Agreement made on 1/24/08 with Owner to complete repairs by 6/15/08 and to minimize water usage.
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10/4/07	Sterling Heights/ Olivewood Dr.	MCL 333.2455(1)/ Park St, Shelby Twp	EMRAP discovered and investigated illegal discharge of waste oil through citizen complaint. Citation sent 10/4/07 including \$750 fine. MCPO assisted EMRAP with negotiations with violator's attorney. Violator to remove and dispose of contaminated soils in exchange for reduction in fine. Soil removed on 11/19/07 and stored on site pending analytical results. Landfill approval received on 12/28/07; violator to complete disposal paperwork and dispose of soil. Awaiting confirmation from violator that waste disposed as of 1/28/08.

Key: bold text indicates latest activity.

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve Clinton Township's request to extend the Environmental Problems:
Lake/River Fund authorization through October 31, 2008

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

The Macomb County Board of Commissioners approved the proposal submitted by Clinton Township for Stream Bank Stabilization and Creation of a Riparian Buffer. Per the attached, they are seeking an extension of the time frame for completion. The proposal was approved March 30, 2007 in the amount of \$40,000.00

COMMITTEE/MEETING DATE

Health Services – February 7, 2008

Charter Township of Clinton



OFFICERS:

Robert J. Cannon
Supervisor
Dennis C. Tomlinson
Clerk
William J. Sowerby
Treasurer

TRUSTEES:

George Fitzgerald
Ernest O. Hornung
Dean Reynolds
Jenifer West

DEPARTMENT OF ENGINEERING

TOWNSHIP ENGINEER

Mary W. Bednar, P.E., CFM

CIVIC CENTER

40700 Romeo Plank Road
Clinton Twp., MI 48038-2900
Phone: (586) 286-8000
Fax: (586) 228-1770

12/18/07

Macomb County Board of Commissioners
Administration Building
1 S. Main Street-9th Floor
Mt. Clemens, Michigan 48043

RECEIVED

DEC 19 2007

Attn: Commissioner Philis DeSaele, Chair
Health Services Committee

**MACOMB COUNTY
HEALTH DEPT.**

Re: Clinton Township 2007 Lake/River Grant
Stream bank Stabilization & Riparian Buffer

Dear Commissioner DeSaele:

We have been working on the 2007 Lake-River Grant Project. This year's project is located in Budd Park and includes two portions:

- 1) Stream Bank Stabilization
- 2) Creation of a Riparian Buffer

We have started the Engineering and Permitting process for this project. The Engineering is approximately 95% complete. We will be submitting the projects for MDEQ permits after the holiday. I have already spoken with the MDEQ regarding these projects and it appears they will need a minor permit and they are in favor of these types of projects.

We are planning on bidding this project out in the early spring, so construction of the project can start shortly after that. Our construction window is time sensitive due to the native plantings we are proposing.

At this time, we are asking for an extension until October 31, 2008, so we can complete this project and have ample enough time to make sure the vegetation has taken in accordance with the specifications.

If you have any questions, please contact my office.

Sincerely,

Mary W. Bednar, P.E., CFM
Township Engineer

Cc: Robert J. Cannon Supervisor, Clinton Township
Tom Kalkofen Director, Macomb County Health Department
George Westerman DPW Superintendent, Clinton Township

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve payment of \$40,000 to the City of New Baltimore from the Environmental Problems: Lake/River Fund for the upgrade to the Waste Water Treatment Plant

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

The City of New Baltimore has submitted final billing for the Waste Water Treatment Plant upgrade. They have submitted billings for \$53,918.40. The amount previously approved by Macomb County Board of Commissioners was \$40,000.00

COMMITTEE/MEETING DATE

Health Services – February 7, 2008



CITY OF NEW BALTIMORE

36535 GREEN STREET • NEW BALTIMORE, MI 48047 • (586) 725-2151 • FAX (586) 725-6927

RECEIVED

JAN 17 2008

MACOMB COUNTY
HEALTH DEPT.

To : Ms. Phillis DeSaele, Chair
Health Services Committee

From : Craig Higgins, Supt.
City of New Baltimore W.W.T.P.

Re : 2007 Lake and River Fund Grant

Dear Ms. DeSaele,

Last year the City of New Baltimore applied for and received a Lake and River Fund Grant from Macomb County for our new combination Sanitary/Storm Sewer Outfall to Crapau Creek. After we received it, we needed to supply some updated paid invoices for the project. Please find enclosed a copy of these invoices. Please accept my apologies for the delay in sending these to you. If anymore documentation is needed, please give me a call.

Respectfully Submitted,

Craig Higgins, Supt.
City of New Baltimore W.W.T.P.

Phone : Office (586)725-9363
Cell (586)855-2285

cc : Mr. Thomas Kalkofen (cover letter only)



PO Box 307
Algonac, MI 48001

Phone No. 810-794-1931

Fax No. 810-794-3331

Invoice 068001-11

PAID

Billing Thru 1/31/2007

To: City of New Baltimore
36535 Green St.
New Baltimore, MI 48047

Job No. 06-8001

Re: Sanitary Sewer System
8100 Wastewater Treatment Plant
06-8001WWTP Outfall Sewer

Date 2/5/2007

Contract Work - Item / Description	Contract Amount	Previous Invoices	% Complete	Work this Invoice
WWTP - OUTFALL SEWER				
Design Services	74,800.00		7.24%	5,412.50
Contract Administration	112,200.00		0.00%	0.00
WORK THIS INVOICE				
1. Review existing topo				
2. Review temporary easement needs				
3. Topographic mapping of area and locate manholes				
4. Update drawings with utility information				
5. Pipe design				
Total Due This Invoice:				\$5,412.50

****NOTE - INVOICES ARE DUE UPON RECEIPT...THANK YOU!**



PO Box 307
Algonac, MI 48001

Phone No. 810-794-1931
Fax No. 810-794-3331

Invoice 068001-12

PAID

Billing Thru 2/28/2007

To: City of New Baltimore
36535 Green St.
New Baltimore, MI 48047

Job No. 06-8001

Re: Sanitary Sewer System
8000 General Account
06-8001 WWTP Outfall Sewer

Date 3/5/2007

Contract Work - Item / Description	Contract Amount	Previous Invoices	% Complete	Work this Invoice
WWTP - OUTFALL SEWER				
Design Services	74,800.00	5,412.50	32.60%	18,970.30
Contract Administration	112,200.00		0.00%	0.00
WORK THIS INVOICE				
1. Prepare preliminary drawings and specifications				
2. Submit to MDEQ				
Total Due This Invoice:				\$18,970.30

****NOTE - INVOICES ARE DUE UPON RECEIPT...THANK YOU!**



PO Box 307
Algonac, MI 48001

Phone No. 810-794-1931

Fax No. 810-794-3331

Invoice 068001-13

PAID

Billing Thru 3/30/2007

To: City of New Baltimore
36535 Green St.
New Baltimore, MI 48047

Job No. 06-8001

Re: Sanitary Sewer System
06-8001 WWTP Outfall Sewer

Date 4/3/2007

Contract Work - Item / Description	Contract Amount	Previous Invoices	% Complete	Work this Invoice
WWTP - OUTFALL SEWER				
Design Services	74,800.00	24,382.80	48.06%	11,565.00
Contract Administration	112,200.00		0.00%	0.00

****NOTE - INVOICES ARE DUE UPON RECEIPT...THANK YOU!**



PO Box 307
Algonac, MI 48001

Phone No. 810-794-1931
Fax No. 810-794-3331

Invoice 068001-14

PAID

Billing Thru 4/30/2007

To: City of New Baltimore
36535 Green St.
New Baltimore, MI 48047

Job No. 06-8001

Re: Sanitary Sewer System
8100 Wastewater Treatment Plant
06-8101WWTP Expansion

Date 5/8/2007

Contract Work - Item / Description	Contract Amount	Previous Invoices	% Complete	Work this Invoice
WWTP - OUTFALL SEWER				
Design Services	74,800.00	35,947.80	58.10%	7,511.25
Contract Administration	112,200.00		0.00%	0.00
WORK THIS INVOICE				
1. Prepare final plans per MDEQ comments				
2. Prepare basis of design				
3. Prepare final specifications				
4. Prepare Grant pay request				

Total Due This Invoice: \$7,511.25

****NOTE - INVOICES ARE DUE UPON RECEIPT...THANK YOU!**



PO Box 307
Algonac, MI 48001

Phone No. 810-794-1931
Fax No. 810-794-3331

Invoice 068001-15

PAID

Billing Thru 5/31/2007

To: City of New Baltimore
36535 Green St.
New Baltimore, MI 48047

Job No. 06-8001

Re: Sanitary Sewer System
06-8001WWTP Outfall Sewer

Date 6/4/2007

Contract Work - Item / Description	Contract Amount	Previous Invoices	% Complete	Work this Invoice
WWTP - OUTFALL SEWER				
Design Services	74,800.00	43,459.05	59.23%	842.50
Contract Administration	112,200.00		0.00%	0.00
WORK THIS INVOICE				
1. Revise soil erosion plan to add parcel id numbers and soil information				
2. Add note to soil erosion plan per RCMC				
3. Prepare permit application				
4. Discuss permit application questions with USACE				
Total Due This Invoice:				\$842.50

****NOTE - INVOICES ARE DUE UPON RECEIPT...THANK YOU!**



PO Box 307
Algonac, MI 48001

Phone No. 810-794-1931

Fax No. 810-794-3331

Invoice 068001-17

PAID

Billing Thru 7/31/2007

To: City of New Baltimore
36535 Green St.
New Baltimore, MI 48047

Job No. 06-8001

Re: Sanitary Sewer System
06-8101WWTP Outfall Sewer Project

Date 8/6/2007

Contract Work - Item / Description	Contract Amount	Previous Invoices	% Complete	Work this Invoice
WWTP - OUTFALL SEWER				
Design Services	74,800.00	48,283.40	70.79%	4,670.00
Contract Administration	112,200.00		0.00%	0.00
		Total Due This Invoice:		
		\$4,670.00		

****NOTE - INVOICES ARE DUE UPON RECEIPT...THANK YOU!**



PO Box 307
Algonac, MI 48001

Phone No. 810-794-1931
Fax No. 810-794-3331

Invoice 068001-18

Billing Thru 8/31/2007

To: City of New Baltimore
36535 Green St.
New Baltimore, MI 48047

Job No. 06-8001

Re: Sanitary Sewer System
8100 Wastewaer Treatment Plant
06-8101WWTP Expansion

Date 9/4/2007

Contract Work - Item / Description	Contract Amount	Previous Invoices	% Complete	Work this Invoice
WWTP - OUTFALL SEWER				
Design Services	74,800.00	52,953.40	72.08%	965.00
Contract Administration	112,200.00		0.00%	0.00
Total Due This Invoice:				\$965.00

****NOTE - INVOICES ARE DUE UPON RECEIPT...THANK YOU!**

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the Health Department's 2008-09 Flu Program Plan

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

Because of uncertain delivery dates, the Health Department has provided only c. 12,000 doses of influenza vaccine in recent years, compared with the c. 20,000 doses it traditionally provided. For 2008-09, we have identified a flu vaccine distributor with an excellent record of meeting delivery dates established at the time vaccine is ordered, and propose to return to the level of community health protection provided in previous years. With the Board's approval, the following plan is recommended for 2008-09:

- Take delivery on or before September 30, 2008 on 1,000 doses of flu vaccine for children 6-35 months of age and 16,000 doses of flu vaccine for adults and older children;
- Begin providing flu shots to County residents approximately October 1, 2008;
- Provide flu shots at outreach clinics as requested by Commissioners, and in other locations (senior centers, community centers, etc.) as supplies permit;
- With the cooperation of Parks and Recreation, the Sheriff's Office, and other County departments, provide a mass flu immunization clinic at Freedom Hill County Park in October (exact date TBD; satisfies Emergency Preparedness grant requirements);
- Provide flu shots at the Health Department's Mt. Clemens, Warren, and St. Clair Shores offices beginning in October and continuing into Spring 2009 or until supplies have been exhausted.

Health Services --- February 7, 2008

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file a report from the Health Department on the 2007 Childrens Health Fair

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

A summary report on the 2007 Childrens Health Fair is attached.

Health Services --- February 7, 2008

EXECUTIVE SUMMARY

The 2007 Children's Health Fair was held on October 20th and under the direction and guidance of the Macomb County Board of Commissioners, health services were provided to children birth to 18 years of age. Fifty-Five human service agencies were available to distribute health education materials, answer concerns, offer expert advice, and to provide health screenings and immunizations to Macomb County children. Attendance was 1575.

MACOMB COUNTY HEALTH DEPARTMENT SERVICES

Children's Special Health Care Services	275
Emergency Preparedness	1037
Environmental Health	320
Health Education	1200
Immunizations	98
Maternal and Child Health	300
Nutrition & WIC	1115
Vision and Hearing Screening	71

The following Health Screenings were provided:

Dental	135
Scoliosis	40

Health Information/Literature Distribution (Approx.) By 160 Professionals 15,000

Entertainment highlights were the Macomb Children's Choir as the opening for Ben Spitzer Magic Health Shows. Characters Dora the Explorer, Sponge Bob and the National Safety Assoc. mascot Click-It the Cricket Safety Seat Belt handshakes were enjoyed by all. Dan Dan the Choo-Choo Man Train Rides are an annual favorite with whistles galore. Because of the nice weather the Macomb Sheriffs Mounted Division greeted the families as they entered the Fair. Last, but not least, was the entertainment provided by the MSU Extension 4 - H Club members, Pocket Pets and the K-9 and Kompany dog agility performers which always delight the children and adults alike.

Again with the generous support of our business community, families received gifts ranging from \$100.00 savings bonds to free ice cream cone vouchers.

Appreciation certificates were mailed to the 90+ area high school volunteers who gave of their time and helped our community take the best care of their children.

On behalf of the 2007 Children's Health Fair participants, we thank the Macomb County Board of Commissioners for their support and the opportunity to provide this afternoon of health and entertainment to Macomb County families.

CHF BUDGET

Macomb County Board of Commissioners	\$7000.00
Community Donations	\$75.00

2007 Expenditures

Advertising Orange Paper	\$1533.95
Macomb Community College	\$1532.50
Printing	\$1389.00
Entertainment	\$1085.00
Incentives	\$319.84
Table Covering	\$165.44
TOTAL:	\$6025.73

2007 CONTRIBUTORS LIST

COMPANY	NAME	DONATIONS
Automotive Hall of Fame	Community Relations	ONE ANNUAL FAMILY PASS
Community Central Bank	Lisa M. Medlock	2 \$100 US Savings Bonds
Crossroads Village & Huckleberry Railroad	Amy M. McMillan	4 Promotional Passes
Beaumont Hospital Parenting Program	Kim Steggles-Zapata	Gift Bag
Detroit Historical Society	Deprina Godboldo	ONE ANNUAL FAMILY PASS
Detroit Lions	Community Relations	Lion's Hat and T-shirt
Detroit Science Center	Jennifer Clark	10 Admission Passes
Detroit Tigers	Amy Peterson	5 x 7 autographed photograph signed by Sean Casey
Macomb Schools & Government Credit Union	Rosa	12x15 plastic bags
Max Play	Jan	1,000 Rollar Skating Passes
McDonald's	Ann Mitchell	Immunization Coupons - Free Cone
Michigan Business & Professional Association	Community Relations	\$50 check
Motor City Co-op Credit Union	Gail Hernalsteen	\$25 check
Sterling VanDyke Credit Union	Carol Ross	500 bags & and gift bag
Walter P. Chrysler Museum	Cheryl D. Borkowski	4 free passes & book

CHILDREN'S HEALTH FAIR - 2007

ZIP CODE	CITY	COUNTY	TOTAL
48005	Armada	Macomb	0
48015	CenterLine	Macomb	2
48021	Eastpointe	Macomb	16
48026	Fraser	Macomb	12
48035	Clinton Township	Macomb	27
48036	Clinton Township	Macomb	18
48038	Clinton Township	Macomb	19
48042	Macomb Township	Macomb	2
48043	Mt. Clemens	Macomb	7
48044	Macomb Township	Macomb	16
48045	Harrison Township	Macomb	13
48047	New Baltimore	Macomb	12
48048	New Haven	Macomb	3
48050	New Haven	Macomb	2
48051	Chesterfield	Macomb	12
48051	New Baltimore	Macomb	2
48062	Richmond	Macomb	1
48065	Romeo	Macomb	4
48066	Roseville	Macomb	52
48080	St. Clair Shores	Macomb	12
48081	St. Clair Shores	Macomb	13
48082	St. Clair Shores	Macomb	11
48088	Warren	Macomb	23
48089	Warren	Macomb	25
48091	Warren	Macomb	27
48092	Warren	Macomb	19
48093	Warren	Macomb	11
48094	Washington	Macomb	1
48095	Washington	Macomb	0
48096	Ray	Macomb	3
48310	Sterling Heights	Macomb	20
48312	Sterling Heights	Macomb	12
48313	Sterling Heights	Macomb	9
48314	Sterling Heights	Macomb	13
48315	Utica	Macomb	6
48316	Utica	Macomb	3
48317	Utica	Macomb	11
		TOTAL	439
		TOTAL OTHER COUNTIES	18
Total Zipcodes by Family Unit - 440 Door Count Adults and Children - 1575			

CHILDREN'S HEALTH FAIR

ZIP CODE	CITY	2001	2002	2003	2004	2005	2006	2007
	CENSUS	2093	1920	1750	1680	1354	1007	1575
48005	Armada	1	0	1	2	1	0	0
48015	Center Line	5	18	10	8	8	4	2
48021	Eastpointe	27	19	32	19	23	21	16
48026	Fraser	15	11	13	11	15	3	12
48035	Clinton Twp	49	48	10	37	21	24	27
48036	Clinton Twp	12	14	13	7	17	8	18
48038	Clinton Twp	14	20	8	14	15	11	19
48042	Macomb Twp	11	5	6	8	4	0	2
48043	Mt Clemens	9	15	14	7	5	9	7
48044	Macomb Twp	22	15	9	16	13	18	16
48045	Harrison Twp	23	11	12	15	11	7	13
48047	New Baltimore	10	22	13	11	14	12	12
48048	New Haven	2	2	8	4	6	5	3
48050	New Haven	0	0	1	0	0	0	2
48051	Chesterfield	24	5	3	7	13	2	12
48051	New Baltimore	3	1	3	2	5	2	2
48062	Richmond	2	3	3	4	2	1	1
48065	Romeo	1	1	2	2	1	1	4
48066	Roseville	62	64	48	50	44	27	52
48080	St Clair Shores	13	7	12	9	13	3	12
48081	St Clair Shores	12	14	2	113	7	9	13
48082	St Clair Shores	7	10	14	15	12	11	11
48088	Warren		28	24	23	24	17	23
48089	Warren	56	42	40	29	55	23	25
48091	Warren	37	34	13	13	18	15	27
48092	Warren	24	15	12	20	22	7	19
48093	Warren	36	16	17	12	11	8	11
48094	Washington	2	0	1	2	4	2	1
48095	Washington	3	0	0	0	0	0	0
48096	Ray	2	0	0	2	1	1	3
48310	Sterling Heights	25	21	24	17	22	20	20
48312	Sterling Heights	13	16	22	13	15	5	12
48313	Sterling Heights	7	12	21	13	13	11	9
48314	Sterling Heights	25	5	9	8	7	2	13
48315	Utica	8	3	9	8	4	2	6
48316	Utica	2	3	4	8	7	3	3
48317	Utica	9	4	10	9	10	4	11
Total Other Counties		27	22	11	29	36	23	18
TOTAL FAMILIES		0	526	454	567	499	321	457

2007 BANNER LIST

ARC SERVICES OF MACOMB
AUTOMOTIVE HALL OF FAME
BEAUMONT HOSPITAL – PARENTING PROGRAM
BLUE CROSS BLUE SHIELD OF MICHIGAN
CARE
CARE HOUSE
CATHOLIC SERVICES OF MACOMB COUNTY
CATHOLIC SERVICES OF WAYNE COUNTY
COMMUNITY CENTRAL BANK
CROSSROADS VILLAGE & HUCKLEBERRY RAILROAD
DAN DAN THE CHOO CHOO MAN
DETROIT HISTORICAL SOCIETY
DETROIT LIONS
DETROIT SCIENCE CENTER
DETROIT TIGERS
EAST DETROIT SCHOOLS - CHILDRENS SERVICES PROGRAM
FAMILY EYE CARE ASSOCIATES
FAMILY YOUTH INTERVENTIONS
GIRL SCOUTS OF MACOMB COUNTY - OTSIKITA COUNCIL INC.
GRANDPARENTS RAISING GRANDCHILDREN
GREAT LAKES HEALTH PLAN
GREAT SKATE
HENRY FORD MACOMB HOSPITAL
HOMES FOR BLACK CHILDREN
HOSPICES OF HENRY FORD HEALTH SYSTEM
K-9 & KOMPANY 4-H CLUB
LAKESHORE HIGH SCHOOL DENTAL CAREERS
LUTHERAN CHILD & FAMILY SERVICES
LUTHERAN SOCIAL SERVICES OF MICHIGAN
MACOMB CARE CONNECT
MACOMB CHILDRENS CHORUS
MACOMB COUNTY ABSTINENCE PARTNERSHIP
MACOMB COUNTY CHIROPRACTIC ASSOCIATION
MACOMB COUNTY COMMUNITY MENTAL HEALTH
MACOMB COUNTY COMMUNITY SERVICES AGENCY
MACOMB COUNTY COMMUNITY SERVICES AGENCY HEAD START
MACOMB COUNTY HEALTH DEPARTMENT - CHILDREN'S SPECIAL HEALTH CARE SERVICES
MACOMB COUNTY HEALTH DEPARTMENT - ENVIRONMENTAL HEALTH
MACOMB COUNTY HEALTH DEPARTMENT - HEALTH EDUCATION
MACOMB COUNTY HEALTH DEPARTMENT - HEALTH EDUCATION / EMERGENCY
PREPARDNESS PROGRAM
MACOMB COUNTY HEALTH DEPARTMENT - HEALTHY KIDS HEALTHY FUTURES
MACOMB COUNTY HEALTH DEPARTMENT - IMMUNIZATION CLINIC SERVICES
MACOMB COUNTY HEALTH DEPARTMENT - NUTRITION SERVICES
MACOMB COUNTY HEALTH DEPARTMENT - PUBLIC HEALTH NURSING
MACOMB COUNTY HEALTH DEPARTMENT - SAFE SLEEP MACOMB
MACOMB COUNTY HEALTH DEPARTMENT - TOBACCO PREVENTION COALITION

MACOMB COUNTY HEALTH DEPARTMENT - VISION & HEARING
MACOMB COUNTY HEALTH DEPARTMENT - WIC PROGRAM
MACOMB COUNTY PLANNING AND ECONOMIC DEVELOPMENT
MACOMB COUNTY SHERIFF EXPLORERS
MACOMB COUNTY SHERIFF'S DEPARTMENT MOUNTED DIVISION
MACOMB DENTAL SOCIETY
MACOMB INTERMEDIATE SCHOOL DISTRICT - MAIL ROOM
MACOMB LIBRARY FOR BLIND & PHYSICALLY HANDICAPPED
MACOMB LITERACY PARTNERS
MACOMB SCHOOLS & GOVERNMENT CREDIT UNION
MACOMB / ST. CLAIR AUTISM SOCIETY
MARCH OF DIMES MICHIGAN CHAPTER
MAX PLAY
MCDONALD'S
MEDSTAR AMBULANCE
MICHIGAN BUSINES & PROFESSIONAL ASSOCIATION
MICHIGAN STATE POLICE - CLICK IT THE CRICKET
MICHIGAN STATE UNIVERSITY EXTENSION - 4H CLUB POCKET PETS
MICHIGAN STATE UNIVERSITY EXTENSION - FAMILY PROGRAM
MICHIGAN STATE UNIVERSITY EXTENSION - NUTRITION PROGRAM
MISD GREAT PARENTS / GREAT START
MISD PROJECT FIND / EARLY ON
MOLINA HEALTH CARE OF MICHIGAN
MOTOR CITY CO-OP CREDIT UNION
ORCHARDS CHILDRENS CENTER
POISON CONTROL CENTER
SOUTH WARREN FAMILY RESOURCE NETWORK
SPITZER AND SONS MAGICIANS
ST JOHN HELATH SYSTEM
STATE OF MICHIGAN DEPARTMENT OF HUMAN SERVICES
STERLING VANDYKE CREDIT UNION
TOTAL HEALTH CARE
UNITED WAY FOR SOUTHEASTERN MICHIGAN - 211 PROGRAM
UNITED WAY FOR SOUTHEASTERN MICHIGAN - MACOMB COUNTY
UNIVERSAL MACOMB AMBULANCE
WALTER P CHRYSLER MUSEUM
WARREN ALLERGY & ASTHMA CARE
WARREN POLICE DEPARTMENT